



PATENT

Attorney Docket No.: 678-735 (P10196)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Seong-Joong KIM

SERIAL NO.: 10/020,332

GROUP ART UNIT: 2681

FILED: December 12, 2001

FOR: DIRECT-CONVERSION RECEIVER
FOR REMOVING DC OFFSET

Box Missing Parts
Commissioner for Patents
Washington, DC 20231

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL
APPLICATION - FILED UNDER 37 CFR 1.53(b) - FILING DATE GRANTED**


Sir:

In response to the Notice to File Missing Parts of Non Provisional Application - Filed Under 37 CFR 1.53(b) - *Filing Date Granted*, dated January 18, 2002 Applicant encloses herewith a properly executed original Declaration and Power of Attorney in compliance with 37 C.F.R. §1.63. Also enclosed is a check for \$130.00 to cover the surcharge under 37 C.F.R. § 1.16(e) along with a copy of the Notice to File Missing Parts of Nonprovisional Application - Filed Under 37 CFR 1.53(b) - *Filing Date Granted*.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: BOX MISSING PARTS, Commissioner for Patents, Washington, D. C. 20231, on March 15, 2002.

Dated: August 30, 2001



Paul J. Farrell

If the enclosed check is insufficient for any reason or becomes detached, please charge the required fee under 37 C.F.R. § 1.16(e) to Deposit Account No. 04-1121. Also, in the event any additional extensions of time are required, please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Respectfully submitted,



Paul J. Farrell

Reg. No. 33,494

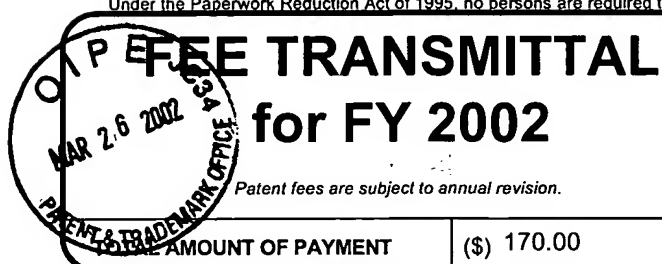
Attorney for Applicant(s)

Dated: March 15, 2002

DILWORTH & BARRESE, LLP
333 Earle Ovington Blvd.
Uniondale, NY 11553
TEL: (516) 228-8484
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PJF/DMO/lah

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PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



| Complete if Known | |
|----------------------|-------------------|
| Application Number | 10/020,332 |
| Filing Date | December 12, 2001 |
| First Named Inventor | Seong-Joong KIM |
| Examiner Name | |
| Group Art Unit | 2681 |
| Attorney Docket No. | 678-735 (P10196) |

| METHOD OF PAYMENT (check one) | |
|--|-------------------------|
| 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: | |
| Deposit Account Number | 04-1121 |
| Deposit Account Name | DILWORTH & BARRESE, LLP |
| <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | |
| 2. <input checked="" type="checkbox"/> Payment Enclosed: | |
| <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other | |

| FEE CALCULATION | |
|---|--------------------------|
| 1. BASIC FILING FEE | |
| Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) | Fee Description Fee Paid |
| 101 740 201 370 | Utility filing fee |
| 106 330 206 165 | Design filing fee |
| 107 510 207 255 | Plant filing fee |
| 108 740 208 370 | Reissue filing fee |
| 114 160 214 80 | Provisional filing fee |
| SUBTOTAL (1) (\$ 0.00) | |

| 2. EXTRA CLAIM FEES | |
|---|--|
| Total Claims | Extra Claims Fee from below Fee Paid |
| Independent Claims | -20** = \$18 = \$0 |
| Multiple Dependent | -3** = \$84 = \$0 |
| | \$280 = \$0 |
| **or number previously paid, if greater; For Reissues, see below | |
| Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) | Fee Description |
| 103 18 203 9 | Claims in excess of 20 |
| 102 84 202 42 | Independent claims in excess of 3 |
| 104 280 204 140 | Multiple dependent claim, if not paid |
| 109 84 209 42 | ** Reissue independent claims over original patent |
| 110 18 210 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$ 0.00) | |

| 3. ADDITIONAL FEES | |
|---|---|
| Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) | Fee Description Fee Paid |
| 105 130 205 65 | Surcharge - late filing fee or oath \$130 |
| 127 50 227 25 | Surcharge - late provisional filing fee or cover sheet |
| 139 130 139 130 | Non-English specification |
| 147 2,520 147 2,520 | For filing a request for <i>ex parte</i> reexamination |
| 112 920* 112 920* | Requesting publication of SIR prior to Examiner action |
| 113 1,840* 113 1,840* | Requesting publication of SIR after Examiner action |
| 115 110 215 55 | Extension for reply within first month |
| 116 400 216 200 | Extension for reply within second month |
| 117 920 217 460 | Extension for reply within third month |
| 118 1,440 218 720 | Extension for reply within fourth month |
| 128 1,960 228 980 | Extension for reply within fifth month |
| 119 320 219 160 | Notice of Appeal |
| 120 320 220 160 | Filing a brief in support of an appeal |
| 121 280 221 140 | Request for oral hearing |
| 138 1,510 138 1,510 | Petition to institute a public use proceeding |
| 140 110 240 55 | Petition to revive - unavoidable |
| 141 1,280 241 640 | Petition to revive - unintentional |
| 142 1,280 242 640 | Utility issue fee (or reissue) |
| 143 460 243 230 | Design issue fee |
| 144 620 244 310 | Plant issue fee |
| 122 130 122 130 | Petitions to the Commissioner |
| 123 50 123 50 | Processing fee under 37 CFR 1.17(q) |
| 126 180 126 180 | Submission of Information Disclosure Stmt |
| 581 40 581 40 | Recording each patent assignment per property (times number of properties) \$40 |
| 146 740 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 149 740 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) |
| 179 740 279 370 | Request for Continued Examination (RCE) |
| 169 900 169 900 | Request for expedited examination of a design application |
| Other fee (specify) _____ | |
| SUBTOTAL (3) (\$ 170.00) | |

| SUBMITTED BY | | Complete (if applicable) | |
|-------------------|------------------------|-----------------------------------|----------------|
| Name (Print/Type) | Paul J. Farrell | Registration No. (Attorney/Agent) | 33,494 |
| Signature | <i>Paul J. Farrell</i> | Telephone | (516) 228-8484 |
| | | Date | March 15, 2002 |

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, Washington, D.C. 20231 on March 15, 2002.

Dated: March 15, 2002

(Name) Paul J. Farrell



UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 26 2002

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY-DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/020,332 | 12/12/2001 | Seong-Joong Kim | 678-735 |

CONFIRMATION NO. 1734

FORMALITIES LETTER



OC000000007333794

 DILWORTH & BARRESE, LLP
 333 Earle Ovington Blvd.
 Uniondale, NY 11553

Date Mailed: 01/18/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/29/2002 NMDHAMM1 00000094 10020332

01 FC:105

130.00 DP